|  |  |
| --- | --- |
| Class Notes / Learning Log / Textbook Notes  Activity 42: A Closer Look, p. 55 – 61  Topic: **Cell Structure**  Name:  Class:  Date: | |
| *How did scientists discover the* |  |
| *common structure of cells?* |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
| *What are some of the common* |  |
| *structures of a cell?* |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
| *Why is the nucleus an important* |  |
| *part of most cells?* |  |
|  |  |
|  |  |
|  |  |
|  |  |
| *What type of organism does not* |  |
| *contain a nucleus?* |  |
|  |  |
| *What are some of the functions* |  |
| *of organelles?* |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
| *What do mitochondria use to* |  |
| *produce energy for a cell?* |  |
|  |  |
|  |  |
|  |  |
| *Why do plant cells have a cell* |  |
| *wall in addition to a cell* |  |
| *membrane?* |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
| *What do chloroplasts use to* |  |
| *produce nutrients for plant cells* |  |
| *and some protist cells?* |  |
|  |  |
|  |  |
|  |  |
|  |  |
| *How did scientists use info* |  |
| *about cells to develop a drug?* |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
| *Provide a summary of what cell* |  |
| *biologists do.* |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |